WARMING and VENTILATING.—Churches, Conservatories, Hothouses, &c., heated by superior HOT-WATER apparatus, fitted with most efficient and simplest boilers, self-feeding, durable, slightly and requiring no brickwork. Also, the "HALCYONIUM"; a simple and improved Warm-air Apparatus, that is especially adapted for buildings requiring to be warmed only occasionally.—Apply to SPILLER and TAYLER, Blackfriars, Southwark.

WARMING AND VENTILATION.—D. and E. BAILEY, 372, Holborn, having had many years' experience in Warming Buildings by Hot Water, continue to erect HOT-WATER APPARATUS on the most improved principles for Mansions, Conservatories and other Horticultural Buildings, and they also erect Conservatories, &c., in wood or metal. D. and E. BAILEY invite the public to an inspection of their stock of Stoves, Fenders, Fire-irons, &c., as well as a great complete and economical Portable Cooking Apparatus, of "Gallagher's Stoves" equally suitable for Cottages, Shooting-boxes, Yachts, or for personal sitting-rooms.

Dr. Arnott's Ventilating Valve.

WARMING BY HOT WATER.—J. WEEKS and Co.'s HOT WATER APPARATUS may be seen in extensive operation on their premises, King's-road, Chelsea; they have also erected their apparatus for various purposes throughout the kingdom; references can be given in almost every district. They beg particularly to refer to their own establishment, and also to that of Mr. Sheppard's extensive conservatory repository, Halkin-street, Hyde-park-corner, where the apparatus may be seen in operation. Ornamental Portable and Stands of Pipes in great variety, applicable for warming churches, mansions, entrance halls, offices, conservatories, &c.—TUBULAR BOILERS of all sizes, warranted to be the most efficient and economical of any yet introduced.—J. WEEKS and Co., Hot Water Apparatus Manufacturers, King's-road, Chelsea.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN and Co., 38, Ann's Wharf, Earlstreet, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., half round and O.G. Gutters, Socket Pipes for Water or Gas, Branch Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

TO BUILDERS, IRONMONGERS, AND OTHERS.

RAIN-WATER PIPES, O G and Half-round Gutters, Sash Weights, Railing Bars, Air Bricks, &c.—J. JONES, Iron Merchant, Iron-bridge Wharf, No. 4, Bankside, has the largest stock in London of the above and other castings, of the very best quality. Also, cast-iron pipes for gas, water, or drainage; bath, wash, &c.; range and hot-water pipes, with all the usual connections; lamp-posts and railings, stable fittings, troughs, &c. &c.

Prices will be forwarded on application, which will be cheaper than any other house in London.

J. JONES, IRON MERCHANT, IRON-BRIDGE WHARF, No. 4, BANKSIDE, LONDON, near the Southwark Iron Bridge.

HOT-WATER APPARATUS.—The attention of architects, builders, and others is respectfully requested to BENJAMIN FOWLER's superior method of heating churches and chapels, halls, staircases, conservatories, forcing and green houses, manufactories and warehouses, kilns, rooms for drying timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties for whom they were erected are constantly expressing their satisfaction, also their willingness to vouch for their efficiency.

BENJAMIN FOWLER, late of 32, Dorset-street, removed to the new Factory, Whitefriars-street, Fleet-street.

COPPER BOILERS, of various Shapes, for HEATING BATHS and CONSERVATORIES.

Fig. 1. Fig. 2. Fig. 3. Fig. 4.

Fig. 1. TYLOR'S IMPROVED COPPER CIRCULATING BATH BOILER, on Iron Frame complete for fitting.—Fig. 2. COPPER RIVETTED ARCH TOP BOILER for large Greenhouses or Public Buildings, from four to forty gallons.—Fig. 3. DOME-TOP COPPERS, with draw-off Cocks, for Public Baths, from fifteen to one hundred and fifty gallons.—Fig. 4. TINNED COPPER COIL PIPES for HEATING BATHS, by passing Water through the Kitchen Range Boiler.—Apply to Ironmongers or Plumbers, or to the Manufacturers, J. TYLOR and SON, Warwick-lane, London.

FOUNDRY AND IRON WORKS,

150, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pistons, Lathes, and Steam-engines; Range and Hot-plate Metal. An improved Soot Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and OG Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Doors, Safes and Strong Rooms, Tanks and Boilers, and every description of ironwork to specification, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS, 150, DRURY-LANE, and CHARLES-STREET.

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PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Market Crosses, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, kept for Hire.

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THE attention of the Trade is called to

JOHN WARNER & SONS' PATENT VIBRATING STANDARD PUMP,

which is recommended for the simplicity of its construction, and the ease with which it works.

By the introduction of the vibrating standard the cumbersome arc and expensive slings and guides are unnecessary, rendering the price considerably less than pumps made on the old plan.

Hand and Water Engines for raising water from a depth not exceeding 30 feet; also, Garden Engines constructed on the same principle.

JOHN WARNER & SONS, 4, Crescent, Jewin-street, London, Manufacturers and Patentees.

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BRAMAH'S PATENT LOCKS.
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Wrought-iron and Fire-proof Doors, Frames, &c. for strong rooms. Fire-proof Iron Chests. Tin and Deposit Boxes, &c. Warehouse, 124, PICCADILLY; all Bramah and Cotes Locks, &c. bear this address; none others are made by them.

The only test is the efficacy.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

CHUBBS' PATENT DETECTOR LOCKS give perfect security from false keys and picklocks and also detect any attempt to open them. They are made of all sizes, and for every purpose to which locks are applied, and are strong, secure, simple, and durable.

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GREAT FIRES in MARK-LANE and SOUTHAMPTON-STREET, STRAND.—In these destructive Fires Deeds and Documents of prime as value have been preserved uninjured by "LEADBEATER'S PATENT FIRE-PROOF SAFES," LEADBEATER'S STRONG WROUGHT-IRON FIRE-PROOF BOOK SAFES, CHESTS, and Doors, for Strong Rooms, Plate Closets, and Party walls, &c., of best make, and possessing all the most recent improvements are the best depositories for property of every description in the world, extra-strong Cash and Deed Boxes, with Detector Locks; Patent Detector Locks and Latches for all purposes. LEADBEATER, PATENTEE and MANUFACTURER of the much approved Ventilating, and Down-draught preventing CHIMNEY-POTS. This desirable article is found to be the most effectual cure for Smoky Chimneys ever yet before the public, and is adapted to every style of Architecture.

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CHURCH and TURRET BELLS cast to any weight, and tuned. Ships, plantations, houses, farms, ring, and clock bells of any size.

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Tuned to the chromatic scale, with improved clappers, and hanged on a new system, which gives a superior tone and facility for ringing.

Memorial Bronze, Pulpit Lights, and Brackets, &c.

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Manufacturers of Circular and Mill Saws; Imp. ed Cast Steel Files, for the use of cutlers and most trades; patent tempered machine knives and cutters, manufactured for planing and grooving wood, for cutting paper, iron, stone, leather, &c., made to any pattern or dimensions with the utmost exactness. Warranted to work with a harder and finer edge than any other made of temper.—Inventors of recommended cast steel for taps, piston-rods, &c.—Manufacturers of railway springs, blister, shear, and cast steel, &c. &c.

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ENAMELLED MANGERS and STABLE FITMENTS. Registered. Economy, durability, appearance, cleanliness, comfort to the horse when feeding, and being rendered impervious to any liquid on a enamel, are some of the improvements in these fitments. No joint or front heaver required in mange.—COTTAM and HALLEN, 2, Whitley-street, Oxford-street, London.

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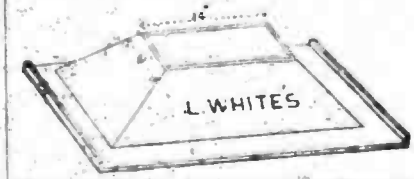
IMPORTANT TO BUILDERS.



REGISTERED CAST-IRON CHIMNEY [illegible] BOILER and [illegible] CHIMNEY [illegible] a little expensive [illegible] brought [illegible] Price from [illegible]

Rain-water Pipes [illegible] O.G. gutters, cash [illegible] and every kind of builders' ironwork, at CHARLES H. WHITE'S Iron Wharf, Upper [illegible], Lambeth, near the Albany, under [illegible]

By Her Majesty's Royal Letters Patent.

PITT'S PATENT SELF-ADJUSTING DOOR KNOBS AND LOCKS SPINDLES.

HART and SON beg to call the attention of Architects, Builders, and others, to their Door Furniture, mounted for PITT'S PATENTED SPINDLES. These knobs are very unique, more durable and more elegant in form than those in ordinary use, as the spindles, being loose, do not require the object-plates and screws. They are more readily fixed, are suitable for every description of door, now in use, and as they adjust themselves to doors of different thickness, without alteration, are particularly adapted for the century of French imitation.

In addition to an extensive stock of door furniture in China, crystal, ebony, rosewood, glass, buffalo horn, ivory, chintz, &c. to suite, with 24 patterns, in brass and bronze, in a variety of styles and designs are now ready being added, and on order either to sketch or pattern, supplied early promptly. A simple one, for example, in three days, and a more elaborate one in less than a week. May be obtained through any Ironmonger, or direct from the proprietors and sole manufacturers, HART and SON, Wholesale Ironmongers, 84, St. Paul's-churchyard, and 1, Newgate-street.

A list of prices sent on application.

WIRE-WORK for CEILINGS, manufactured by BETTLER and SON.

Plain Wire [illegible] per square foot.
Galvanized do. [illegible] do.

Where may be seen large specimens, also for aviaries, store wire window blinds, &c. &c.—Wire Work, a lifesaver, fireproof, ornamental. Lime-street, London.

WIRE-CEILING.—SECURITY FROM FIRE.—The lately introduced WIRE-CEILING is reduced in price to 2d. per square foot. It has been so well applied to two large warehouses. The Ceilings are perfectly cool, a crack in them. There is further security against fire, by absorption in the Wire, and it may be preserved by the aid of fire, time and years. It has been subjected to the severest test; the wire has been heated to a white heat, and Lime-cement applied by the strongest flame to produce no effect.

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A SAVING of TIME and MATERIALS with addition of vocalist.

NATHAN GEORGE'S PATENT PORTABLE STEAM ENGINES of 2, 3, 4 and 6-horse power, for providing motive power, portable boilers, for steam, driving corn, cutting chaff, water, pumps, &c. &c. Albert-street, Manchester.

TESTIMONIAL.

From Charles Barry, Esq., 32, Great George-street, Westminster, London, Dec. 27, 1862.

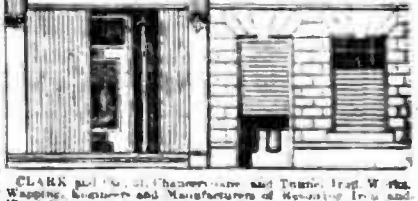
Mr. Nathan George.

Sir,—I have for Mr Harry, the pleasure of replying to your request of the 4th inst., for a testimonial of the working of three steam-engines you have supplied to the New Houses of Parliament at Westminster, by saying that they have fully answered the purposes for which they were required, viz. pumping the building materials, and two of the three have been at work for some years with very little repairs, and with considerable economy of fuel.—I am, Sir, your obedient servant.

Per pro CHARLES BARRY, ALFRED MEEKS.

REVOLVING SAFETY WOOD and IRON SHUTTERS.—SNEXELL, Patentee, 30, Regent-street, and at the Steam-works, 113, Cheapside. These shutters have fully borne out their superiority over other revolving shutters for security, durability, and simplicity. References can be given to numerous large businesses are fitted herewith, and numerous large establishments, where some are fixed measuring upwards of 20 square feet in one shutter, and which are opened and closed in a few minutes with the greatest perfection and ease, without the use of machinery. The Patentee manufactures Brass Sash Bars, Wall Board Plates, &c.

CONVEX REVOLVING SHUTTERS, WITH IRON AND WOOD.



CLARK and Co., 31, Chancery-lane and Temple Bar, W. Fitz-Wapping, Ironmongers and Manufacturers of Revolving Iron and Wood Shutters, Brass and Zinc Sash Bars for Sash Frames, Wall Boards and Name Plates. Testimonials and prospectuses forwarded on application.—Clark and Co. do not exhibit at the GREAT EXHIBITION.

PRIZE MEDAL IRON SHUTTER. BUNNETT AND CO., ENGINEERS, ORIGINAL PATENTEES OF REVOLVING IRON SHUTTER, respectfully recommend their NEW PATENT CURVILINEAR REVOLVING IRON SHUTTER, for which the PRIZE MEDAL of the GREAT EXHIBITION has been awarded.

This Shutter is far superior in STRENGTH, DURABILITY, and APPEARANCE to the CONVEX or any other Revolving Iron Shutter. The adoption of the terms of Bunnett and Co's advertisements, and the imitation of their various works, without regard to quality, has given rise to many enquiries and resulted in some larger following such works into disrepute, usually persons not being aware that there are other makers.

Bunnett and Co. have therefore made such improvements and additions to their extensive plant of machinery as will enable them successfully to compete with the lowest prices of other makers, without impairing the well-known quality of their work, and they earnestly solicit a comparison of their New Patent Revolving Iron Shutters with any others, which will at once prove them to be the best and very much the cheapest in the end, and a saving of great and constant expenses by their not getting out of order.

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HEAL and SON'S FEATHER DOWN QUILTS are made in three varieties. The Bordered Quilt is the most elegant. The Plumeau quilt is the most [illegible] and luxurious. The Quilt is [illegible] and is useful as an extra [illegible] to the mattress, as on the [illegible] Feather Down, as in Eider Down, as in [illegible] Lists of prices and sizes sent free by post, on application to HEAL and SONS, Bedding Factory, [illegible]

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